

Substitute Form PTO-1449

(Modified)

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
20366-116002Application No.  
10/616,900**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant  
Escobedo et al.Filing Date  
July 9, 2003Group Art Unit  
1631**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/CS/	AA	4,683,195	07/28/87	Mullis et al.			
	AB	4,683,202	07/28/87	Mullis			
	AC	4,777,127	10/11/88	Suni et al.			
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	AI	5,206,152	04/27/93	Sukhatme			
	AJ	5,422,120	06/06/95	Kim			
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	AL	5,578,832	11/26/96	Trulson et al.			
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	ASS	WO 95/13796	05/26/95	WIPO			
	ATT	WO 95/22058	08/17/95	WIPO			
	AUU	WO 95/30763	11/16/95	WIPO			
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	AXX	WO 97/27317	07/31/97	WIPO			
↓	AYY	WO 97/29212	08/14/97	WIPO			

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	AEEE	799 897	06/28/06	EPO			
	AFFF	0 524 968	06/07/95	EPO			
↓	AGGG	2 200 651	08/10/88	GB			

Other Documents (include Author, Title, Date, and Place of Publication)		
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/CS/	AHHH	Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <i>Nucl. Acids Res.</i> , 1997, 25(17):3389-3402
	AIII	Alberts et al., <i>Molecular Biology of the Cell</i> , 1994, Garland Publishing, pp. 1-2
	AJJJ	Attwood, "The Babel of Bioinformatics," <i>Science</i> , 2000, 290:471-473
	AKKK	Bodmer et al., "Genetic steps in colorectal cancer," <i>Nat. Genet.</i> , 1994, 6:217-219
	ALLL	Brinkley et al., "Variations in Cell From and Cytoskeleton in Human Breast Carcinoma Cells <i>in Vitro</i> ," <i>Cancer Res.</i> , 1980, 40:3118-3129
	AMMM	Brutlag et al., "BLAZE™: An Implementation of the Smith-Waterman Sequence Comparison Algorithm on a Massively Parallel Computer," <i>Comp. Chem.</i> , 1993, 17(2):203-207
	ANNN	Cailleau et al., "Breast Tumor Cell Lines from Pleural Effusions," <i>J. Natl. Cancer Inst.</i> , 1974, 53(3):661-666
	AOOO	Chandrasekaran and Davidson, "Glycosaminoglycans of Normal and Malignant Cultured Human Mammary Cells," <i>Cancer Res.</i> , 1979, 39:870-880
	APPP	Chaturvedi et al., "Stabilization of triple-stranded oligonucleotide complexes: use of probes containing alternating phosphodiester and stereo-uniform cationic phosphoramidate linkages," <i>Nucl. Acids Res.</i> , 1996, 24(12):2318-2323
	AQQQ	Clarke and Fersht, "Engineered Disulfide Bonds as Probes of the Folding Pathway of Barnase: Increasing the Stability of Proteins against the Rate of Denaturation," <i>Biochemistry</i> , 1993, 32:4322-4329
	ARRR	Claverie "Effective Large-Scale Sequence Similarity Searches," <i>Meth. Enzymol.</i> , 1996, 266:212-227
	ASSS	Claverie and States, "Information Enhancement Methods for Large Scale Sequence Analysis," <i>Comput. Chem.</i> , 1993, 17(2):191-201
↓	ATTT	Claverie, <i>Automated DNA Sequencing and Analysis</i> , 1994, Adams et al. (eds.), Chapter 36, pp. 269-279, Academic Press

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/CS/	AUUU	Conia et al., "The Micro-Robotic Laboratory: Optical Trapping and Scissoring for the Biologist," <u>J. Clin. Lab. Anal.</u> , 1997, 11:28-38
	AVVV	Connelly et al., "In Vivo Gene Delivery and Expression of Physiological Levels of Functional Human Factor VIII in Mice," <u>Hum. Gene Ther.</u> , 1995, 6:185-193
	AWWW	Curiel et al., "High-Efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-Polylysine Complexes," <u>Hum. Gene Ther.</u> , 1992, 3:147-154
	AXXX	Curran et al., "Laser capture microscopy," <u>J. Clin. Pathol.: Mol. Pathol.</u> , 2000, 53:64-68
	AYYY	Emmert-Buck et al., "Laser Capture Microdissection," <u>Science</u> , 1996, 274:998-1001
	AZZZ	Fearon, "Molecular Genetics of Colorectal Cancer," <u>Ann. NY Acad. Sci.</u> , 1995, 768:101-110
	AAAAA	Fearon and Vogelstein, "A Genetic Model for Colorectal Tumorigenesis," <u>Cell</u> , 1990, 61:759-767
	ABBBB	Findeis et al., "Targeted delivery of DNA for gene therapy via receptors," <u>Trends Biotechnol.</u> , 1993, 11:202-205
	ACCCC	Gastpar et al., "Methoxy-Substituted 3-Formyl-2-phenylindoles Inhibit Tubulin Polymerization," <u>J. Med. Chem.</u> , 1998, 41:4965-4972
	ADDDD	Gerhold and Caskey, "It's the genes! EST access to human genome content," <u>BioEssays</u> , 1996, 18(12):973-981
	AEEEE	Gō and Miyazawa, "Relationship Between Mutability, Polarity and Exteriorty of Amino Acid Residues in Protein Evolution," <u>Int. J. Peptide Protein Res.</u> , 1980, 15:211-224
	AFFFF	Haezebrouck et al., "Stability effects associated with the introduction of a partial and a complete Ca <sup>2+</sup> -binding site into human lysozyme," <u>Protein Eng.</u> , 1993, 6(6):643-649
	AGGGG	Hamilton and Kern, "Molecular Genetic Alterations as Potential Prognostic Indicators in Colorectal Carcinoma and Molecular Genetics of Colorectal Carcinoma," <u>Cancer</u> , 1993, 72:957
	AHHHH	Hanahan and Weinberg, "The Hallmarks of Cancer," <u>Cell</u> , 2000, 100:57-70
	AIIII	Hashido et al., "Truncation of N-Terminal Extracellular or C-Terminal Intracellular Domains of Human ET <sub>A</sub> Receptor Abrogated the Binding Activity to ET-1," <u>Biochem. Biophys. Res. Comm.</u> , 1992, 187(3):1241-1248
	AJJJJ	Jolly, "Viral vector systems for gene therapy," <u>Cancer Gene Therapy</u> , 1994, 1:51-64
	AKKKK	Kaplitt et al., "Long-term gene expression and phenotypic correction using adeno-associated virus vectors in the mammalian brain," <u>Nat. Genet.</u> , 1994, 8:148-154
	ALLLL	Kelner et al., "Nonresponsiveness of the Metastatic Human Lung Carcinoma MV522 Xenograft to Conventional Anticancer Agents," <u>Anticancer Res.</u> , 1995, 15:867-872
	AMMMM	Kimura et al., "Retroviral Delivery of DNA into the Livers of Transgenic Mice Bearing Premalignant and Malignant Hepatocellular Carcinomas," <u>Hum. Gene Ther.</u> , 1994, 5:845-852
	ANNNN	Kuang et al., "Differential screening and suppression subtractive hybridization identified genes differentially expressed in an estrogen receptor-positive breast carcinoma cell line," <u>Nucl. Acids Res.</u> , 1998, 26(4):1116-1123
	AOOOO	Lopez et al., "Identification of putative chromosomal origins of replication in Archaea," <u>Mol. Microbiol.</u> , 1999, 32(4):883-886
▼	APPPP	Luo et al., "Gene expression profiles of laser-captured adjacent neuronal subtypes," <u>Nat. Med.</u> , 1999, 5:117-122

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Other Documents (include Author, Title, Date, and Place of Publication)			
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/CS/	AQQQQ	Masui et al., "Stabilization and Rational Design of Serine Protease AprM under Highly Alkaline and High-Temperature Conditions," <i>Appl. Env. Microbiol.</i> , 1994, 60(10):3579-3584	
	ARRRR	Morikawa et al., "In Vivo Selection of Highly Metastatic Cells from Surgical Specimens of Different Primary Human Colon Carcinomas Implanted into Nude Mice," <i>Cancer Res.</i> , 1988, 48:1943-1948	
	ASSSS	Morikawa et al., "Influence of Organ Environment on the Growth, Selection, and Metastasis of Human Colon Carcinoma Cells in Nude Mice," <i>Cancer Res.</i> , 1988, 48:6863-6871	
	ATTTT	Mullis and Falooma, "Specific Synthesis of DNA <i>in Vitro</i> via a Polymerase-Catalyzed Chain Reaction," <i>Meth. Enzymol.</i> , 1987, 155:335-372	
	AUUUU	Niwa et al., "A Role for Presenilin-1 in Nuclear Accumulation of Ire1 Fragments and Induction of the Mammalian Unfolded Protein Response," <i>Cell</i> , 1999, 99:691-702	
	AVVVV	Ohyama et al., "Laser Capture Microdissection-Generated Target Sample for High-Density Oligonucleotide Array Hybridization," <i>Biotechniques</i> , 2000, 29(3):530-536	
	AWWWW	Olsen and Thomsen, "Improvement of bacterial $\beta$ -glucanase thermostability by glycosylation," <i>J. Gen. Microbiol.</i> , 1991, 137:579-585	
	AXXXX	Pappalardo et al., "Microdissection, Microchip Arrays, and Molecular Analysis of Tumor Cells (Primary and Metastases)," <i>Sem. Radiation Oncol.</i> , 1998, 8(3):217-223	
	AYYYY	Peyrottes et al., "Oligodeoxynucleoside phosphoramidates (P-NH <sub>2</sub> ): synthesis and thermal stability of duplexes with DNA and RNA targets," <i>Nucl. Acids Res.</i> , 1996, 24(10):1841-1848	
	AZZZZ	Philip et al., "Efficient and Sustained Gene Expression in Primary T Lymphocytes and Primary and Cultured Tumor Cells Mediated by Adeno-Associated Virus Plasmid DNA Complexed to Cationic Liposomes," <i>Mol. Cell. Biol.</i> , 1994, 14(4):2411-2418	
	AAAAAA	Querol et al., "Analysis of protein conformational characteristics related to thermostability," <i>Prot. Eng.</i> , 1996, 9(3):265-271	
	BBBBB	Radinsky et al., "Level and Function of Epidermal Growth Factor Receptor Predict the metastatic Potential of Human Colon Carcinoma Cells," <i>Clin. Cancer Res.</i> , 1995, 1:19-31	
	CCCCC	Ramsay, "DNA chips: State-of-the art," <i>Nat. Biotechnol.</i> , 1998, 16:40-44	
	ADDDEE	Ranson et al., "Increased plasminogen binding is associated with metastatic breast cancer cells: differential expression of plasminogen binding proteins," <i>Br. J. Cancer</i> , 1998, 77(10):1586-1597	
	AEEEE	Russell and Barton, "Structural Features can be Unconserved in Proteins with Similar Folds. An Analysis of Side-chain to Side-chain Contacts Secondary Structure and Accessibility," <i>J. Mol. Biol.</i> , 1994, 244:332-350	
	AFFFF	Saiki et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," <i>Science</i> , 1988, 239:487-491	
	AGGGGC	Sambrook et al., "In Vitro Amplification of DNA by the Polymerase Chain Reaction," <i>Molecular Cloning: A Laboratory Manual</i> , 1989, CSH Press, pp. 14.2-14.33	
	AHHHHH	Schena et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," <i>Science</i> , 1995, 270(5235):467-470	
	AIIII	Schena et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes," <i>Proc. Natl. Acad. Sci. USA</i> , 1996, 93(20):10614-10619	
	AJJJJ	Shalon et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-color Fluorescent Probe Hybridization," <i>Genome Res.</i> , 1996, 6:639-645	
▼	AKKKK	Simone et al., "Laser-capture microdissection: opening the microscopic frontier to molecular analysis," <i>Trends Genet.</i> , 1998, 14(7):272-276	

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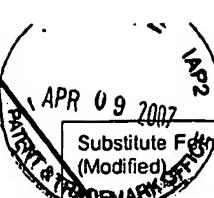
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/CS/	ALLLLL	Suarez-Quian et al., "Laser Capture Microdissection of Single Cells from Complex Tissues," <i>BioTechniques</i> , 1999, 26(2):328-335	
	AMMMMI	Toma et al., "Grafting of a Calcium-Binding Loop of Thermolysin to <i>Bacillus subtilis</i> Neutral Protease," <i>Biochemistry</i> , 1991, 30:97-106	
	ANNNNN	Varki et al., "Cloned Low Metastatic Variants from Human Lung Carcinoma Metastases," <i>Anticancer Res.</i> , 1990, 10:637-644	
	AOOOOC	Varki et al., "Microscopic Metastasis of a Human Lung Carcinoma Cell Line in Athymic Nude Mice: Isolation of a Metastatic Variant," <i>Int. J. Cancer</i> , 1987, 40:46-52	
	APPPPP	Varki et al., "Spontaneously Metastasizing Variants of a Human Lung Carcinoma Cell Line: Monoclonal Antibody Characterization," <i>Tumor Biol.</i> , 1990, 11:327-338	
	AQQQQQ	Wakarchuk et al., "Thermostabilization of the <i>Bacillus circulans</i> xylanase by the introduction of disulfide bonds," <i>Protein Eng.</i> , 1994, 7(11):1379-1386	
	ARRRRR	Wells and Peitsch, "The chemokine information source: identification and characterization of novel chemokines using the WorldWideWeb and Expressed Sequence Tag Databases," <i>J. Leukocyte Biol.</i> , 1997, 61(5):545-550	
	ASSSSS	Woffendin et al., "Nonviral and viral delivery of a human immunodeficiency virus protective gene into primary human T cells," <i>Proc. Natl. Acad. Sci. USA</i> , 1994, 91(24):11581-11585	
	ATTTTT	Wu and Wu, "Receptor-mediated Gene Delivery and Expression <i>in Vivo</i> ," <i>J. Biol. Chem.</i> , 1988, 263(29):14621-14624	
	AUUUUU	Wu et al., "Receptor-mediated Gene Delivery <i>in Vivo</i> . Partial Correction of Genetic Analbuminemia in Nagase Rats," <i>J. Biol. Chem.</i> , 1991, 266(22):14338-14342	
	AVVVVV	Wu et al., "Incorporation of Adenovirus into a Ligand-based DNA Carrier System Results in Retention of Original Receptor Specificity and Enhances Targeted Gene Expression," <i>J. Biol. Chem.</i> , 1994, 269(15):11542-11546	
	WWWWW	Wu et al., "Targeting Genes: Delivery and Persistent Expression of a Foreign Gene Driven by Mammalian Regulatory Elements <i>in Vivo</i> ," <i>J. Biol. Chem.</i> , 1989, 264(29):16985-16987	
	AXXXXX	Yeatman et al., "Identification of genetic alterations associated with the process of human experimental colon cancer liver metastasis in the nude mouse," <i>Clin. Exp. Metastasis</i> , 1996, 14:246-252	
	AYYYYY	Yeatman and Mao, "Identification of a differentially-expressed message associated with colon cancer liver metastasis using an improved method of differential display," <i>Nucl. Acids. Res.</i> , 1995, 23(19):4007-4008	
	AZZZZZ	Zenke et al., Receptor-mediated endocytosis of transferrin-polycation conjugates: An efficient way to introduce DNA into hematopoietic cells," <i>Proc. Natl. Acad. Sci. USA</i> , 1990, 87:3655-3659	
V	AAAAAA	Zhang et al., "Anti-tumor efficacy and biodistribution of intravenous polymeric micellar paclitaxel," <i>Anti-Cancer Drugs</i> , 1997, 8:696-701	

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	ALL	WO 94/03622	02/17/94	WIPO			
	AMM	WO 94/12649	06/09/94	WIPO			
	ANN	WO 94/23697	10/27/94	WIPO			
	AOO	WO 94/28938	12/22/94	WIPO			
	APP	WO 95/00655	01/05/95	WIPO			
	AQQ	WO 95/07994	03/23/95	WIPO			
	ARR	WO 95/11984	05/04/95	WIPO			
	ASS	WO 95/13796	05/26/95	WIPO			
	ATT	WO 95/22058	08/17/95	WIPO			
	AUU	WO 95/30763	11/16/95	WIPO			
	AVV	WO 96/17072	06/06/96	WIPO			
	AWW	WO 97/02357	01/23/97	WIPO			
	AXX	WO 97/27317	07/31/97	WIPO			
	AYY	WO 97/29212	08/14/97	WIPO			

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<b>Information Disclosure Statement</b> by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Escobedo et al.	
		Filing Date July 9, 2003	Group Art Unit 1631

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes      No
	AZZ	WO 97/42338	11/13/97	WIPO			
	AAAA	0 345 242	06/02/89	EPO			Abst.
	ABBB	721 016	07/10/96	EPO			
	ACCC	728 520	05/16/01	EPO			
	ADDD	785 280	04/02/03	EPO			
	AEEE	799 897	06/28/06	EPO			
	AFFF	0 524 968	06/07/95	EPO			
	AGGG	2 200 651	08/10/88	GB			

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AHHH	Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <u>Nucl. Acids Res.</u> , 1997, 25(17):3389-3402
	AIII	Alberts et al., <u>Molecular Biology of the Cell</u> , 1994, Garland Publishing, pp. 1-2
	AJJJ	Attwood, "The Babel of Bioinformatics," <u>Science</u> , 2000, 290:471-473
	AKKK	Bodmer et al., "Genetic steps in colorectal cancer," <u>Nat. Genet.</u> , 1994, 6:217-219
	ALLL	Brinkley et al., "Variations in Cell Form and Cytoskeleton in Human Breast Carcinoma Cells <i>in Vitro</i> ," <u>Cancer Res.</u> , 1980, 40:3118-3129
	AMMM	Brutlag et al., "BLAZE™: An Implementation of the Smith-Waterman Sequence Comparison Algorithm on a Massively Parallel Computer," <u>Comp. Chem.</u> , 1993, 17(2):203-207
	ANNN	Cailleau et al., "Breast Tumor Cell Lines from Pleural Effusions," <u>J. Natl. Cancer Inst.</u> , 1974, 53(3):661-666
	AOOO	Chandrasekaran and Davidson, "Glycosaminoglycans of Normal and Malignant Cultured Human Mammary Cells," <u>Cancer Res.</u> , 1979, 39:870-880
	APPP	Chaturvedi et al., "Stabilization of triple-stranded oligonucleotide complexes: use of probes containing alternating phosphodiester and stereo-uniform cationic phosphoramidate linkages," <u>Nucl. Acids Res.</u> , 1996, 24(12):2318-2323
	AQOO	Clarke and Fersht, "Engineered Disulfide Bonds as Probes of the Folding Pathway of Barnase: Increasing the Stability of Proteins against the Rate of Denaturation," <u>Biochemistry</u> , 1993, 32:4322-4329
	ARRR	Claverie "Effective Large-Scale Sequence Similarity Searches," <u>Meth. Enzymol.</u> , 1996, 266:212-227
	ASSS	Claverie and States, "Information Enhancement Methods for Large Scale Sequence Analysis," <u>Comput. Chem.</u> , 1993, 17(2):191-201
	ATTT	Claverie, <u>Automated DNA Sequencing and Analysis</u> , 1994, Adams et al. (eds.), Chapter 36, pp. 269-279, Academic Press

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Other Documents (include Author, Title, Date, and Place of Publication)			
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	AUUU	Conia et al., "The Micro-Robotic Laboratory: Optical Trapping and Scissoring for the Biologist," <u>J. Clin. Lab. Anal.</u> , 1997, 11:28-38	
	AVVV	Connelly et al., "In Vivo Gene Delivery and Expression of Physiological Levels of Functional Human Factor VIII in Mice," <u>Hum. Gene Ther.</u> , 1995, 6:185-193	
	AWWW	Curie et al., "High-Efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-Polylysine Complexes," <u>Hum. Gene Ther.</u> , 1992, 3:147-154	
	AXXX	Curran et al., "Laser capture microscopy," <u>J. Clin. Pathol.: Mol. Pathol.</u> , 2000, 53:64-68	
	AYYY	Emmert-Buck et al., "Laser Capture Microdissection," <u>Science</u> , 1996, 274:998-1001	
	AZZZ	Fearon, "Molecular Genetics of Colorectal Cancer," <u>Ann. NY Acad. Sci.</u> , 1995, 768:101-110	
	AAAAA	Fearon and Vogelstein, "A Genetic Model for Colorectal Tumorigenesis," <u>Cell</u> , 1990, 61:759-767	
	ABBBB	Findeis et al., "Targeted delivery of DNA for gene therapy via receptors," <u>Trends Biotechnol.</u> , 1993, 11:202-205	
	ACCCC	Gastpar et al., "Methoxy-Substituted 3-Formyl-2-phenylindoles Inhibit Tubulin Polymerization," <u>J. Med. Chem.</u> , 1998, 41:4965-4972	
	ADDDD	Gerhold and Caskey, "It's the genes! EST access to human genome content," <u>BioEssays</u> , 1996, 18(12):973-981	
	AEEEE	Gō and Miyazawa, "Relationship Between Mutability, Polarity and Exteriory of Amino Acid Residues in Protein Evolution," <u>Int. J. Peptide Protein Res.</u> , 1980, 15:211-224	
	AFFFF	Haezebrouck et al., "Stability effects associated with the introduction of a partial and a complete Ca <sup>2+</sup> -binding site into human lysozyme," <u>Protein Eng.</u> , 1993, 6(6):643-649	
	AGGGG	Hamilton and Kern, "Molecular Genetic Alterations as Potential Prognostic Indicators in Colorectal Carcinoma and Molecular Genetics of Colorectal Carcinoma," <u>Cancer</u> , 1993, 72:957	
	AHHHH	Hanahan and Weinberg, "The Hallmarks of Cancer," <u>Cell</u> , 2000, 100:57-70	
	AIIII	Hashido et al., "Truncation of N-Terminal Extracellular or C-Terminal Intracellular Domains of Human ET <sub>A</sub> Receptor Abrogated the Binding Activity to ET-1," <u>Biochem. Biophys. Res. Comm.</u> , 1992, 187(3):1241-1248	
	AJJJJ	Jolly, "Viral vector systems for gene therapy," <u>Cancer Gene Therapy</u> , 1994, 1:51-64	
	AKKKK	Kaplitt et al., "Long-term gene expression and phenotypic correction using adeno-associated virus vectors in the mammalian brain," <u>Nat. Genet.</u> , 1994, 8:148-154	
	ALLLL	Kelman et al., "Nonresponsiveness of the Metastatic Human Lung Carcinoma MV522 Xenograft to Conventional Anticancer Agents," <u>Anticancer Res.</u> , 1995, 15:867-872	
	AMMMM	Kimura et al., "Retroviral Delivery of DNA into the Livers of Transgenic Mice Bearing Premalignant and Malignant Hepatocellular Carcinomas," <u>Hum. Gene Ther.</u> , 1994, 5:845-852	
	ANNNN	Kuang et al., "Differential screening and suppression subtractive hybridization identified genes differentially expressed in an estrogen receptor-positive breast carcinoma cell line," <u>Nucl. Acids Res.</u> , 1998, 26(4):1116-1123	
	AOOOO	Lopez et al., "Identification of putative chromosomal origins of replication in Archaea," <u>Mol. Microbiol.</u> , 1999, 32(4):883-886	
	APPPP	Luo et al., "Gene expression profiles of laser-captured adjacent neuronal subtypes," <u>Nat. Med.</u> , 1999, 5:117-122	

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**Other Documents (include Author, Title, Date, and Place of Publication)**

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	AQQQQ	Masui et al., "Stabilization and Rational Design of Serine Protease AprM under Highly Alkaline and High-Temperature Conditions," <u>Appl. Env. Microbiol.</u> , 1994, 60(10):3579-3584
	ARRRR	Morikawa et al., "In Vivo Selection of Highly Metastatic Cells from Surgical Specimens of Different Primary Human Colon Carcinomas Implanted into Nude Mice," <u>Cancer Res.</u> , 1988, 48:1943-1948
	ASSSS	Morikawa et al., "Influence of Organ Environment on the Growth, Selection, and Metastasis of Human Colon Carcinoma Cells in Nude Mice," <u>Cancer Res.</u> , 1988, 48:6863-6871
	ATTTT	Mullis and Faloona, "Specific Synthesis of DNA <i>in Vitro</i> via a Polymerase-Catalyzed Chain Reaction," <u>Meth. Enzymol.</u> , 1987, 155:335-372
	AUUUU	Niwa et al., "A Role for Presenilin-1 in Nuclear Accumulation of Irel Fragments and Induction of the Mammalian Unfolded Protein Response," <u>Cell</u> , 1999, 99:691-702
	AVVVV	Ohyama et al., "Laser Capture Microdissection-Generated Target Sample for High-Density Oligonucleotide Array Hybridization," <u>Biotechniques</u> , 2000, 29(3):530-536
	AWWWW	Olsen and Thomsen, "Improvement of bacterial $\beta$ -glucanase thermostability by glycosylation," <u>J. Gen. Microbiol.</u> , 1991, 137:579-585
	AXXXX	Pappalardo et al., "Microdissection, Microchip Arrays, and Molecular Analysis of Tumor Cells (Primary and Metastases)," <u>Sem. Radiation Oncol.</u> , 1998, 8(3):217-223
	AYYYY	Peyrottes et al., "Oligodeoxynucleoside phosphoramidates (P-NH <sub>2</sub> ): synthesis and thermal stability of duplexes with DNA and RNA targets," <u>Nucl. Acids Res.</u> , 1996, 24(10):1841-1848
	AZZZZ	Philip et al., "Efficient and Sustained Gene Expression in Primary T Lymphocytes and Primary and Cultured Tumor Cells Mediated by Adeno-Associated Virus Plasmid DNA Complexed to Cationic Liposomes," <u>Mol. Cell. Biol.</u> , 1994, 14(4):2411-2418
	AAAAAA	Querol et al., "Analysis of protein conformational characteristics related to thermostability," <u>Prot. Eng.</u> , 1996, 9(3):265-271
	ABBBBB	Radinsky et al., "Level and Function of Epidermal Growth Factor Receptor Predict the metastatic Potential of Human Colon Carcinoma Cells," <u>Clin. Cancer Res.</u> , 1995, 1:19-31
	ACCCCC	Ramsay, "DNA chips: State-of-the art," <u>Nat. Biotechnol.</u> , 1998, 16:40-44
	ADDDDD	Ranson et al., "Increased plasminogen binding is associated with metastatic breast cancer cells: differential expression of plasminogen binding proteins," <u>Br. J. Cancer</u> , 1998, 77(10):1586-1597
	AEEEEEE	Russell and Barton, "Structural Features can be Unconserved in Proteins with Similar Folds. An Analysis of Side-chain to Side-chain Contacts Secondary Structure and Accessibility," <u>J. Mol. Biol.</u> , 1994, 244:332-350
	AFFFFF	Saiki et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," <u>Science</u> , 1988, 239:487-491
	AGGGGC	Sambrook et al., "In Vitro Amplification of DNA by the Polymerase Chain Reaction," <u>Molecular Cloning: A Laboratory Manual</u> , 1989, CSH Press, pp.14.2-14.33
	AHHHHH	Schena et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," <u>Science</u> , 1995, 270(5235):467-470
	AIIIII	Schena et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes," <u>Proc. Natl. Acad. Sci. USA</u> , 1996, 93(20):10614-10619
	AJJJJJ	Shalon et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-color Fluorescent Probe Hybridization," <u>Genome Res.</u> , 1996, 6:639-645
	AKKKKK	Simone et al., "Laser-capture microdissection: opening the microscopic frontier to molecular analysis," <u>Trends Genet.</u> , 1998, 14(7):272-276

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	ALLLLL	Suarez-Quian et al., "Laser Capture Microdissection of Single Cells from Complex Tissues," <i>BioTechniques</i> , 1999, 26(2):328-335
	AMMMMM	Toma et al., "Grafting of a Calcium-Binding Loop of Thermolysin to <i>Bacillus subtilis</i> Neutral Protease," <i>Biochemistry</i> , 1991, 30:97-106
	ANNNNN	Varki et al., "Cloned Low Metastatic Variants from Human Lung Carcinoma Metastases," <i>Anticancer Res.</i> , 1990, 10:637-644
	AOOOOO	Varki et al., "Microscopic Metastasis of a Human Lung Carcinoma Cell Line in Athymic Nude Mice: Isolation of a Metastatic Variant," <i>Int. J. Cancer</i> , 1987, 40:46-52
	APPPPP	Varki et al., "Spontaneously Metastasizing Variants of a Human Lung Carcinoma Cell Line: Monoclonal Antibody Characterization," <i>Tumor Biol.</i> , 1990, 11:327-338
	AQQQQQ	Wakarchuk et al., "Thermostabilization of the <i>Bacillus circulans</i> xylanase by the introduction of disulfide bonds," <i>Protein Eng.</i> , 1994, 7(11):1379-1386
	ARRRRR	Wells and Peitsch, "The chemokine information source: identification and characterization of novel chemokines using the WorldWideWeb and Expressed Sequence Tag Databases," <i>J. Leukocyte Biol.</i> , 1997, 61(5):545-550
	ASSSSS	Woffendin et al., "Nonviral and viral delivery of a human immunodeficiency virus protective gene into primary human T cells," <i>Proc. Natl. Acad. Sci. USA</i> , 1994, 91(24):11581-11585
	ATTTTT	Wu and Wu, "Receptor-mediated Gene Delivery and Expression <i>in Vivo</i> ," <i>J. Biol. Chem.</i> , 1988, 263(29):14621-14624
	AUUUUU	Wu et al., "Receptor-mediated Gene Delivery <i>in Vivo</i> . Partial Correction of Genetic Analbuminemia in Nagase Rats," <i>J. Biol. Chem.</i> , 1991, 266(22):14338-14342
	AVVVVV	Wu et al., "Incorporation of Adenovirus into a Ligand-based DNA Carrier System Results in Retention of Original Receptor Specificity and Enhances Targeted Gene Expression," <i>J. Biol. Chem.</i> , 1994, 269(15):11542-11546
	WWWW	Wu et al., "Targeting Genes: Delivery and Persistent Expression of a Foreign Gene Driven by Mammalian Regulatory Elements <i>in Vivo</i> ," <i>J. Biol. Chem.</i> , 1989, 264(29):16985-16987
	AXXXXX	Yeatman et al., "Identification of genetic alterations associated with the process of human experimental colon cancer liver metastasis in the nude mouse," <i>Clin. Exp. Metastasis</i> , 1996, 14:246-252
	AYYYYY	Yeatman and Mao, "Identification of a differentially-expressed message associated with colon cancer liver metastasis using an improved method of differential display," <i>Nucl. Acids. Res.</i> , 1995, 23(19):4007-4008
	AZZZZZ	Zenke et al., "Receptor-mediated endocytosis of transferrin-polycation conjugates: An efficient way to introduce DNA into hematopoietic cells," <i>Proc. Natl. Acad. Sci. USA</i> , 1990, 87:3655-3659
	AAAAAA	Zhang et al., "Anti-tumor efficacy and biodistribution of intravenous polymeric micellar paclitaxel," <i>Anti-Cancer Drugs</i> , 1997, 8:696-701

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